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OM protein - protein search, using sw model

Run on: March 7, 2005, 07:07:07 ; Search time 34.0531 Seconds  
(Without alignments)  
1072.560 Million cell updates/sec

Title: US-09-939-537-37  
Perfect score: 591  
Sequence: 1 TRFSRABPAPYQGGONOLY.....LSTATOTYDALHQLPPR 111

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1391452 seqs, 329044822 residues  
Total number of hits satisfying chosen parameters: 1391452

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database :

Published Applications AA:\*  
1: /cgn2\_6/prodata/1/pubppa/US07\_PUBCOMB.pep:\*  
2: /cgn2\_6/prodata/1/pubppa/US06\_PUBCOMB.pep:\*  
3: /cgn2\_6/prodata/1/pubppa/US05\_PUBCOMB.pep:\*  
4: /cgn2\_6/prodata/1/pubppa/US04\_PUBCOMB.pep:\*  
5: /cgn2\_6/prodata/1/pubppa/US03\_PUBCOMB.pep:\*  
6: /cgn2\_6/prodata/1/pubppa/US02\_PUBCOMB.pep:\*  
7: /cgn2\_6/prodata/1/pubppa/US01\_PUBCOMB.pep:\*  
8: /cgn2\_6/prodata/1/pubppa/US00\_PUBCOMB.pep:\*  
9: /cgn2\_6/prodata/1/pubppa/US09\_PUBCOMB.pep:\*  
10: /cgn2\_6/prodata/1/pubppa/US08\_PUBCOMB.pep:\*  
11: /cgn2\_6/prodata/1/pubppa/US07\_PUBCOMB.pep:\*  
12: /cgn2\_6/prodata/1/pubppa/US06\_PUBCOMB.pep:\*  
13: /cgn2\_6/prodata/1/pubppa/US05\_PUBCOMB.pep:\*  
14: /cgn2\_6/prodata/1/pubppa/US04\_PUBCOMB.pep:\*  
15: /cgn2\_6/prodata/1/pubppa/US03\_PUBCOMB.pep:\*  
16: /cgn2\_6/prodata/1/pubppa/US02\_PUBCOMB.pep:\*  
17: /cgn2\_6/prodata/1/pubppa/US01\_PUBCOMB.pep:\*  
18: /cgn2\_6/prodata/1/pubppa/US00\_PUBCOMB.pep:\*  
19: /cgn2\_6/prodata/1/pubppa/US09\_PUBCOMB.pep:\*  
20: /cgn2\_6/prodata/1/pubppa/US08\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	591	100.0	111	10	US-09-939-537-37
2	583	98.6	142	10	US-09-939-537-44
3	583	98.6	142	11	US-09-243-008-34
4	583	98.6	142	11	US-09-243-008-34
5	583	98.6	142	11	US-09-243-008-34
6	583	98.6	142	11	US-09-243-008-34
7	583	98.6	142	11	US-09-243-008-34
8	583	98.6	142	11	US-09-243-008-34
9	583	98.6	142	11	US-09-243-008-34
10	583	98.6	142	11	US-09-243-008-34
11	583	98.6	142	11	US-09-243-008-34
12	583	98.6	142	11	US-09-243-008-34
13	583	98.6	142	11	US-09-243-008-34

14	572	96.8	634	16	US-10-416-011-2	Sequence 2, Appl1
15	476.5	80.6	113	14	US-10-334-405-26	Sequence 26, Appl1
16	472.5	79.9	113	14	US-10-334-405-31	Sequence 31, Appl1
17	467.5	79.1	113	14	US-10-334-405-30	Sequence 30, Appl1
18	373.5	63.2	575	11	US-09-939-537-4	Sequence 4, Appl1
19	373.5	63.2	575	11	US-09-243-008-4	Sequence 27, Appl1
20	250	42.3	53	14	US-10-334-405-27	Sequence 29, Appl1
21	187.5	31.7	63	14	US-10-334-405-29	Sequence 50, Appl1
22	187	31.6	38	11	US-09-939-537-50	Sequence 49, Appl1
23	187	31.6	38	11	US-09-243-008-40	Sequence 40, Appl1
24	184	31.1	36	10	US-09-939-537-49	Sequence 49, Appl1
25	184	31.1	36	11	US-09-243-008-39	Sequence 39, Appl1
26	178	30.1	35	10	US-09-939-537-48	Sequence 48, Appl1
27	178	30.1	35	11	US-09-243-008-38	Sequence 38, Appl1
28	176	29.8	36	9	US-09-770-102A-39	Sequence 39, Appl1
29	176	29.8	36	9	US-09-770-102A-40	Sequence 40, Appl1
30	176	29.8	36	9	US-09-770-102A-47	Sequence 47, Appl1
31	170	28.8	35	10	US-09-939-537-45	Sequence 45, Appl1
32	170	28.8	35	11	US-09-243-008-35	Sequence 35, Appl1
33	138	23.4	26	14	US-10-334-405-1	Sequence 1, Appl1
34	138	23.4	26	14	US-10-334-405-20	Sequence 20, Appl1
35	138	23.4	26	14	US-10-334-405-21	Sequence 21, Appl1
36	138	23.4	26	14	US-10-334-405-22	Sequence 22, Appl1
37	117	19.8	28	14	US-10-334-405-4	Sequence 4, Appl1
38	103	17.4	32	10	US-09-939-537-46	Sequence 46, Appl1
39	103	17.4	32	11	US-09-243-008-36	Sequence 36, Appl1
40	100	16.9	27	14	US-10-334-405-3	Sequence 3, Appl1
41	94	15.9	19	14	US-10-293-862-2	Sequence 2, Appl1
42	94	15.9	35	10	US-09-939-537-47	Sequence 47, Appl1
43	94	15.9	35	11	US-09-243-008-37	Sequence 37, Appl1
44	85	14.4	172	15	US-10-282-122A-72475	Sequence 72475, A
45	85	14.4	172	15	US-10-282-122A-72579	Sequence 72579, A

## ALIGNMENTS

RESULT 1  
US-09-939-537-37  
Sequence 37, Application US/09939537  
Publication No. US20030138410A1  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
Banapour, Babak  
Romeo, Charles  
Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Clark & Elbing LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/939,537  
FILING DATE: 24-Aug-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/284,391  
FILING DATE: 02-AUG-1994  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961

FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Elbing, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 37:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 111 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 37:  
US-09-939-537-37

Query Match 100.0%; Score 591; DB 10; Length 111;  
Best Local Similarity 100.0%; Pred. No. 3,1e-56;  
Matches 111; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TRRSRAEPAYQOGNOLYNELNLRREYDVLDRGRDPEMGKPRKKNQEGLYNEL 60  
DB 1 TRRSRAEPAYQOGNOLYNELNLRREYDVLDRGRDPEMGKPRKKNQEGLYNEL 60

QY 61 LQDKMAEAYSEIGMKERRRGKHDGLYQGLSTATKDTYDALHMQALPPR 111  
DB 61 LQDKMAEAYSEIGMKERRRGKHDGLYQGLSTATKDTYDALHMQALPPR 111

RESULT 2  
US-09-939-537-44  
Sequence 44, Application US/09939537  
Publication No. US20030138410A1  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
Banapour, Babak  
Romeo, Charles  
Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Clark & Elbing LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/939,537  
FILING DATE: 24-Aug-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/284,391  
FILING DATE: 02-AUG-1994  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Elbing, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 44:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 142 amino acids  
TYPE: amino acid  
STRANDEDNESS: unknown  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 44:  
US-09-939-537-44

Query Match 98.6%; Score 583; DB 10; Length 142;  
Best Local Similarity 99.1%; Pred. No. 3,1e-55;  
Matches 109; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 RFRSRAEPAYQOGNOLYNELNLRREYDVLDRGRDPEMGKPRKKNQEGLYNEL 61  
DB 33 RFRSRAEPAYQOGNOLYNELNLRREYDVLDRGRDPEMGKPRKKNQEGLYNEL 92

QY 62 QDKMAEAYSEIGMKERRRGKHDGLYQGLSTATKDTYDALHMQALPPR 111  
DB 93 QDKMAEAYSEIGMKERRRGKHDGLYQGLSTATKDTYDALHMQALPPR 142

RESULT 3  
US-09-243-008-34  
Sequence 34, Application US/09243008  
Publication No. US20040005334A1  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian et al.  
TITLE OF INVENTION: Redirection of Cellular Immunity by  
NUMBER OF SEQUENCES: 40  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
COMPUTER: IBM PS/2 Model 502 or 555X  
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)  
SOFTWARE: Wordperfect (Version 5.0)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/243,008  
FILING DATE: 02-Feb-1999  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/394,176  
FILING DATE: SEPTEMBER 11, 1995  
APPLICATION NUMBER: 08/203,866  
FILING DATE: February 28, 1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: March 6, 1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: March 7, 1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Karen F. Lech, Ph.D.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/270001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 542-5070  
TELEFAX: (617) 542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 142 amino acids  
TYPE: amino acid  
STRANDEDNESS: No. US20040005334A1 Relevant

TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 34:  
US-09-243-008-34

Query Match 98.6%; Score 583; DB 11; Length 142;  
Best Local Similarity 99.1%; Pred. No. 3.1e-55;  
Matches 109; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 RFRSAPPPAYOQOGNOLYNELNGRREYDVLDKRRGDPENGGKPRRRNPOEGLYNEL 61  
DB 33 KFRSAPPPAYOQOGNOLYNELNGRREYDVLDKRRGDPENGGKPRRRNPOEGLYNEL 92  
QY 62 QKXMAEAYSEIGMKERRRGKHDGLYOGISTATKDTYDALHMOALPPR 111  
DB 93 QKXMAEAYSEIGMKERRRGKHDGLYOGISTATKDTYDALHMOALPPR 142

RESULT 4  
US-10-116-275-242

; Sequence 242, Application US/10116275  
; Publication No. US20030211476A1  
; GENERAL INFORMATION:  
; APPLICANT: Elan Pharmaceutical Technology  
; APPLICANT: O'Mahony, Daniel J.  
; APPLICANT: Brayden, David  
; APPLICANT: Byrne, Daragh  
; APPLICANT: Lambdin, Imelda  
; APPLICANT: Higgins, Lisa  
; TITLE OF INVENTION: Genetic Analysis of Peyer's Patches and M Cells and Methods and  
; FILE REFERENCE: E1067/20087  
; CURRENT APPLICATION NUMBER: US/10/116,275  
; NUMBER OF SEQ ID NOS: 349  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 242  
; LENGTH: 163  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-116-275-242

Query Match 98.6%; Score 583; DB 15; Length 163;  
Best Local Similarity 99.1%; Pred. No. 3.7e-55;  
Matches 109; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 RFRSAPPPAYOQOGNOLYNELNGRREYDVLDKRRGDPENGGKPRRRNPOEGLYNEL 61  
DB 54 KFRSAPPPAYOQOGNOLYNELNGRREYDVLDKRRGDPENGGKPRRRNPOEGLYNEL 113  
QY 62 QKXMAEAYSEIGMKERRRGKHDGLYOGISTATKDTYDALHMOALPPR 111  
DB 114 QKXMAEAYSEIGMKERRRGKHDGLYOGISTATKDTYDALHMOALPPR 163

RESULT 5  
US-10-006-773-2

; Sequence 2, Application US/10006773  
; Publication No. US20020132983A1  
; GENERAL INFORMATION:  
; APPLICANT: Jungmans, Richard P.  
; TITLE OF INVENTION: Antibodies as Chimeric Effector Cell Receptors Against Tumor Anti-  
; FILE REFERENCE: 003  
; CURRENT APPLICATION NUMBER: US/10/006,773  
; CURRENT FILING DATE: 2001-12-10  
; PRIOR APPLICATION NUMBER: 60/250,089  
; PRIOR FILING DATE: 2000-11-30  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 443  
; TYPE: PRT  
; ORGANISM: Homo sapiens and Mus sp.

US-10-006-773-2

Query Match 98.6%; Score 583; DB 13; Length 443;  
Best Local Similarity 99.1%; Pred. No. 1.2e-54;  
Matches 109; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 RFRSAPPPAYOQOGNOLYNELNGRREYDVLDKRRGDPENGGKPRRRNPOEGLYNEL 61  
DB 334 KFRSAPPPAYOQOGNOLYNELNGRREYDVLDKRRGDPENGGKPRRRNPOEGLYNEL 393  
QY 62 QKXMAEAYSEIGMKERRRGKHDGLYOGISTATKDTYDALHMOALPPR 111  
DB 394 QKXMAEAYSEIGMKERRRGKHDGLYOGISTATKDTYDALHMOALPPR 443

RESULT 6  
US-10-006-771A-2

; Sequence 2, Application US/10006771A  
; Publication No. US20020165360A1  
; GENERAL INFORMATION:  
; APPLICANT: Jungmans, Richard P.  
; TITLE OF INVENTION: Chimeric Effector Cell Receptors Against Carcinoembryonic Antigen  
; FILE REFERENCE: 002  
; CURRENT APPLICATION NUMBER: US/10/006,771A  
; CURRENT FILING DATE: 2002-06-04  
; PRIOR APPLICATION NUMBER: 60/250,090  
; PRIOR FILING DATE: 2000-11-30  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 443  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-006-771A-2

Query Match 98.6%; Score 583; DB 13; Length 443;  
Best Local Similarity 99.1%; Pred. No. 1.2e-54;  
Matches 109; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 RFRSAPPPAYOQOGNOLYNELNGRREYDVLDKRRGDPENGGKPRRRNPOEGLYNEL 61  
DB 334 KFRSAPPPAYOQOGNOLYNELNGRREYDVLDKRRGDPENGGKPRRRNPOEGLYNEL 393  
QY 62 QKXMAEAYSEIGMKERRRGKHDGLYOGISTATKDTYDALHMOALPPR 111  
DB 394 QKXMAEAYSEIGMKERRRGKHDGLYOGISTATKDTYDALHMOALPPR 443

RESULT 7  
US-09-939-537-6

; Sequence 6, Application US/09939537  
; Publication No. US20030138410A1  
; GENERAL INFORMATION:  
; APPLICANT: Seed, Brian  
; APPLICANT: Banapour, Babak  
; APPLICANT: Romeo, Charles  
; APPLICANT: Kolanus, Waldemar  
; TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
; CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Clark & Elbing LLP  
; STREET: 176 Federal Street  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02110  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:

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/ APPLICATION NUMBER: US/09/939,537
/ FILING DATE: 24-AUG-2001
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/284,391
/ FILING DATE: 02-AUG-1994
/ APPLICATION NUMBER: 08/195,395
/ FILING DATE: 14-FEB-1994
/ APPLICATION NUMBER: 07/847,566
/ FILING DATE: 06-MAR-1992
/ APPLICATION NUMBER: 07/665,961
/ FILING DATE: 07-MAR-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Elding, Karen L
/ REGISTRATION NUMBER: 35,238
/ REFERENCE/DOCKET NUMBER: 00786/247001
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-428-0200
/ TELEFAX: 617-428-7045
/ TELEX: <Unknown>
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 532 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULAR TYPE: protein
/ SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-939-537-6

Query Match          98.6%; Score 583; DB 10; Length 532;
Best Local Similarity 99.1%; Pred. No. 1.6e-54;
Matches 109; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 RFSRSAPPAYQGGONQLYNELNGRREYDVLDKRRGDPENGGKPRRKNPOEGLYNEL 61
DB 423 KFSRSAPPAYQGGONQLYNELNGRREYDVLDKRRGDPENGGKPRRKNPOEGLYNEL 482

QY 62 QKDMAEAYSEIGMKERRRGKHDGLYQGLSTATKDTYDALHMOALPPR 111
DB 483 QKDMAEAYSEIGMKERRRGKHDGLYQGLSTATKDTYDALHMOALPPR 532

RESULT 8
US-09-243-008-6
/ Sequence 6, Application US/09243008
/ Publication No. US20040005334A1
/ GENERAL INFORMATION:
/ APPLICANT: Seed, Brian et al.
/ TITLE OF INVENTION: Redirection of Cellular Immunity by
/ NUMBER OF SEQUENCES: 40
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Fish & Richardson P.C.
/ STREET: 225 Franklin Street
/ CITY: Boston
/ STATE: MA
/ COUNTRY: USA
/ ZIP: 02110-2804
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
/ SOFTWARE: Wordperfect (Version 5.0)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/243,008
/ FILING DATE: 02-Feb-1999
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/394,176
/ FILING DATE: SEPTEMBER 11,1995
/ APPLICATION NUMBER: 08/203,866
/ FILING DATE: February 28, 1994
/ APPLICATION NUMBER: 07/847,566
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/ FILING DATE: March 6, 1992
/ APPLICATION NUMBER: 07/665,961
/ FILING DATE: March 7, 1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Karen F. Lech, Ph.D
/ REGISTRATION NUMBER: 35,238
/ REFERENCE/DOCKET NUMBER: 00786/270001
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 542-5070
/ TELEFAX: (617) 542-8906
/ TELEX: 200154
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 532 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULAR TYPE: protein
/ SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-243-008-6

Query Match          98.6%; Score 583; DB 11; Length 532;
Best Local Similarity 99.1%; Pred. No. 1.6e-54;
Matches 109; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 RFSRSAPPAYQGGONQLYNELNGRREYDVLDKRRGDPENGGKPRRKNPOEGLYNEL 61
DB 423 KFSRSAPPAYQGGONQLYNELNGRREYDVLDKRRGDPENGGKPRRKNPOEGLYNEL 482

QY 62 QKDMAEAYSEIGMKERRRGKHDGLYQGLSTATKDTYDALHMOALPPR 111
DB 483 QKDMAEAYSEIGMKERRRGKHDGLYQGLSTATKDTYDALHMOALPPR 532

RESULT 9
US-10-448-256-14
/ Sequence 14, Application US/10448256
/ Publication No. US20040043401A1
/ GENERAL INFORMATION:
/ APPLICANT: Sadelain, Michel
/ APPLICANT: Brentjens, Renier
/ APPLICANT: Maher, John
/ TITLE OF INVENTION: Chimeric T Cell Receptors
/ FILE REFERENCE: MSK.P-058
/ CURRENT APPLICATION NUMBER: US/10/448,256
/ CURRENT FILING DATE: 2003-05-28
/ PRIOR APPLICATION NUMBER: 60/383,872
/ PRIOR FILING DATE: 2002-05-28
/ NUMBER OF SEQ ID NOS: 23
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 14
/ LENGTH: 112
/ TYPE: PRT
/ ORGANISM: human
/ US-10-448-256-14

Query Match          96.8%; Score 572; DB 15; Length 112;
Best Local Similarity 97.3%; Pred. No. 3.6e-54;
Matches 107; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2 RFSRSAPPAYQGGONQLYNELNGRREYDVLDKRRGDPENGGKPRRKNPOEGLYNEL 61
DB 3 KFSRSAPPAYQGGONQLYNELNGRREYDVLDKRRGDPENGGKPRRKNPOEGLYNEL 62

QY 62 QKDMAEAYSEIGMKERRRGKHDGLYQGLSTATKDTYDALHMOALPPR 111
DB 63 QKDMAEAYSEIGMKERRRGKHDGLYQGLSTATKDTYDALHMOALPPR 112

RESULT 10
US-10-448-256-12
/ Sequence 12, Application US/10448256
/ Publication No. US20040043401A1
/ GENERAL INFORMATION:
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; APPLICANT: Sadelain, Michel
; APPLICANT: Brentjens, Renier
; APPLICANT: Maher, John
; TITLE OF INVENTION: Chimeric T Cell Receptors
; FILE REFERENCE: MSK P-058
; CURRENT APPLICATION NUMBER: US/10/448,256
; CURRENT FILING DATE: 2003-05-28
; PRIOR APPLICATION NUMBER: 60/383,872
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 12
; LENGTH: 163
; TYPE: PRT
; ORGANISM: human
; US-10-448-256-12

Query Match      96.8%; Score 572; DB 15; Length 163;
Best Local Similarity 97.3%; Pred. No. 5,8e-54;
Matches 107; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      2 RFSRSAPPPAYOGGQNLVNEINLGRREYDVLDKRRGDPPEWGKPRRRNPOEGLYNEL 61
DB      54 KFSRSADAPAYOGGQNLVNEINLGRREYDVLDKRRGDPPEWGKPRRRNPOEGLYNEL 113

QY      62 QKDKAAYSEIGMKGERRRGKHGDLVYQGLSTATDTYDALHMQALPPR 111
DB      114 QKDKAAYSEIGMKGERRRGKHGDLVYQGLSTATDTYDALHMQALPPR 163

RESULT 11
US-08-812-393A-2
; Sequence 2, Application US/08812393A
; Publication No. US20010007152A1
; GENERAL INFORMATION:
; APPLICANT: SHERMAN, Linda A.
; APPLICANT: LUSTGARTEN, Joseph
; TITLE OF INVENTION: RECOMBINANT CONSTRUCTS ENCODING
; TITLE OF INVENTION: T CELL RECEPTORS SPECIFIC FOR HUMAN HLA-RESTRICTED TUMOR
; NUMBER OF SEQUENCES: 64
; CORRESPONDENCE ADDRESS:
; ADDRESSER: MORRISON & FORSTER
; STREET: 2000 Pennsylvania Avenue, NW, suite 5500
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20006-1888
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/812,393A
; FILING DATE: 05-MAR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 31333-20001.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-887-1500
; TELEFAX: 202-822-0168
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 444 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
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; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
; US-08-812-393A-2

Query Match      96.8%; Score 572; DB 8; Length 444;
Best Local Similarity 97.3%; Pred. No. 2e-53;
Matches 107; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      2 RFSRSAPPPAYOGGQNLVNEINLGRREYDVLDKRRGDPPEWGKPRRRNPOEGLYNEL 61
DB      335 KFSRSADAPAYOGGQNLVNEINLGRREYDVLDKRRGDPPEWGKPRRRNPOEGLYNEL 394

QY      62 QKDKAAYSEIGMKGERRRGKHGDLVYQGLSTATDTYDALHMQALPPR 111
DB      395 QKDKAAYSEIGMKGERRRGKHGDLVYQGLSTATDTYDALHMQALPPR 444

RESULT 12
US-09-774-681-2
; Sequence 2, Application US/09774681
; Publication No. US20030208780A1
; GENERAL INFORMATION:
; APPLICANT: Sunol Molecular Corporation
; APPLICANT: Sherman, Linda
; APPLICANT: Lustgarten, Joseph
; TITLE OF INVENTION: RECOMBINANT CONSTRUCTS ENCODING T CELL
; TITLE OF INVENTION: RECEPTORS SPECIFIC FOR HUMAN HLA-RESTRICTED TUMOR ANTIGENS
; FILE REFERENCE: 31333-20001.01
; CURRENT APPLICATION NUMBER: US/09/774,681
; CURRENT FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: US 08/812,393
; PRIOR FILING DATE: 1997-03-05
; PRIOR APPLICATION NUMBER: US 60/012,845
; PRIOR FILING DATE: 1996-03-05
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 2
; LENGTH: 449
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Deduced amino acid derivative of effective T cell
; OTHER INFORMATION: receptor
; US-09-774-681-2

Query Match      96.8%; Score 572; DB 10; Length 449;
Best Local Similarity 97.3%; Pred. No. 2e-53;
Matches 107; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      2 RFSRSAPPPAYOGGQNLVNEINLGRREYDVLDKRRGDPPEWGKPRRRNPOEGLYNEL 61
DB      335 KFSRSADAPAYOGGQNLVNEINLGRREYDVLDKRRGDPPEWGKPRRRNPOEGLYNEL 394

QY      62 QKDKAAYSEIGMKGERRRGKHGDLVYQGLSTATDTYDALHMQALPPR 111
DB      395 QKDKAAYSEIGMKGERRRGKHGDLVYQGLSTATDTYDALHMQALPPR 444

RESULT 13
US-10-120-198B-2
; Sequence 2, Application US/10120198B
; Publication No. US20030215427A1
; GENERAL INFORMATION:
; APPLICANT: Jensen, Michael
; TITLE OF INVENTION: CE7-SPECIFIC REDIRECTED IMMUNE CELLS
; FILE REFERENCE: 1954-337
; CURRENT APPLICATION NUMBER: US/10/120,198B
; CURRENT FILING DATE: 2002-04-11
; PRIOR APPLICATION NUMBER: 60/282,859
; PRIOR FILING DATE: 2001-04-11
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
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